

REMARKS

Claim 1-11 are pending in the instant application. No claims have been added. No claims have been cancelled. Therefore, upon entry of the present Amendment, claims 1-11 will be pending.

Claims 1-7 would be allowable if rewritten overcome the objections, set forth in the Office action. Applicants have amended the claims to correct informalities in the claims.

The Examiner wrote that "the prior art failed to teach the method of subtracting the contribution of decoded symbol from the received signal followed by decoding the next higher-SNR OFDM symbol via IMMSE processing if the probability of error does not exceed the predetermined threshold. Applicants wish to thank Examiner for allowable subject matter.

Claim 8 has been rejected under 35 U.S.C §103(a) as being unpatentable over Kadous (US Patent Publication Number 20050088959), in view of Tang et al. (US Patent Number 7016297). Applicants have amended claim 8 to include the limitation of nulling means to provide the function which has indicated by Examiner as allowable subject matter.

Claim 9 is dependent upon claim 8.

Claims 10-11 have been objected to, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants have amended claim 10-11 to be in independent form with the limitations of themselves and claim 8.

In light of the above, it is respectfully submitted that the instant application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

Respectfully submitted:

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September 27, 2007

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